

From boatanchors@theporch.com Sun Mar 19 15:49:18 1995
Date: Sun, 19 Mar 1995 13:01:00 -0600
Message-Id: <Pine.3.05.9503191014.D20512-81000000@booz.bah.com>
From: k1zat@bah.com
Subject: Hickok Tube Tester

Hey Gang,

Ran across a Hickok (made for Western Electric) tube tester at a yard sale, it says model number KS-15560-L1, s/n 240. Anyone know where I can find a book for this sucker?

jd

From boatanchors@theporch.com Mon Mar 20 00:17:43 1995
Date: Sun, 19 Mar 1995 21:21:26 -0600
Message-Id: <9503200312.AA28644@uvs1.orl.mmc.com>
From: padgett@tccslr.dnet.mmc.com (A. Padgett Peterson, P.E. Information Security)
Subject: RE: Hickok Tube Tester

>Ran across a Hickok (made for Western Electric) tube tester
>at a yard sale, it says model number KS-15560-L1, s/n 240.
>Anyone know where I can find a book for this sucker?

No address so cannot reply privately: Dan Schoo just put a mini manual up for the 600 and I modified (with his knowlege) to fit the 533. If you send me a list of the controls, maybe we can wing it (model is not familiar).

Warmly,
Padgett

ps just picked up a copy of "Radio and Television receiver circuitry & operation" by Ghirardi and Johnson (1951) at an antique "flea faire" for U\$7.50 - 40 pages on oscillators, mixers, and pentagrid converters 8*) but very little math 8*(

From boatanchors@theporch.com Sun Mar 19 16:31:10 1995
Date: Sun, 19 Mar 1995 13:40:50 -0600
Message-Id: <Pine.SUN.3.91.950319095723.28453B-1000000@ncrsun1>
From: Kevin Anderson <anderson@ncrsun1.ncr.usace.army.mil>
Subject: HRO on CQ cover?

For those of you who are HRO experts and have seen the 50th Anniversary issue of CQ (January 1995 issue), which HRO is featured on the cover? They don't say. A B coil

set appears to be plugged in. FB looking receiver and matching speaker.

Thanks. Cheers/73. Kevin, KB9IUA

Kevin L. Anderson, CENCR-PD-W, U.S. Army Corps of Engineers
Rock Island District Office, Planning Div.-Waterway Systems
Rock Island, Illinois 61204-2004, USA phone:(309) 794-5586
e-mail: anderson@ncrsun1.ncr.usace.army.mil

Opinions expressed here are my own and do not represent the
U.S. Army Corps of Engineers or the Federal Government.

From boatanchors@theporch.com Sun Mar 19 23:17:14 1995
Date: Sun, 19 Mar 1995 20:27:15 -0600
Message-Id: <Pine.3.89.9503192004.A3677-0100000@Mars.mcs.com>
From: Bruce Haffner <haffner@Mars.mcs.com>
Subject: Re: HRO on CQ cover?

It is the Model HRO-5A1. Moore says years 1946-47. Note the noise limiter knob next to PW dial. Mine is also marked RECEPTION SET R-106 MK. III. The British used them during the war and after?

Bruce WD9GHK

"THE VOICE OF VICTORY"

From boatanchors@theporch.com Mon Mar 20 01:42:31 1995
Date: Sun, 19 Mar 1995 23:03:26 -0600
Message-Id: <Pine.3.89.9503192327.B4676-0100000@indy2>
From: "Roberta J. Barmore" <rbarmore@indynet.indy.net>
Subject: Re: HRO on CQ cover?

Hi!

On Sun, 19 Mar 1995, Kevin Anderson wrote:
> 50th Anniversary issue of CQ (January 1995 issue), which
> HRO is featured on the cover? They don't say.

It's an interesting set, in part because it's hard to figure out; the model number would be stamped into the (unreadable) plate on the upper right, and is either a *late* HRO-5TA or an *early* HRO-5A1: info I have seen on the 5A1 all shows a square S-meter and series-gate noise-limiter (knob directly left of the PW tuning dial), while National's docs for the 5TA (and earlier) show a round S-meter (like the set in the photo) but no noise-limiter.

However, Rider's material on the HRO-5 through -5TA has an insert describing a modification: that selfsame noise limiter. It would be nice to get a closer look at the nameplate!

Either way, it's probable the radio shown on the cover didn't exist in Jan '45; my HRO-5TA is stamped with a "tropicalization" date in Sept '44 and lacks the noise limiter, nor is the limiter mentioned in National's ad in the '46 E&E Radio Handbook! (Photo with the ad shows an HRO-M, which has silkscreened dial markers and B+ & AVC switch labelling, possibly an older photo reused in haste to get the ad put together). Also, the photometal calibration scales on the coilset (earlier ones were printed and in screwed-on chart frames under celluloid sheets) suggest the coil, at least, is from a 5A1.

...The round S-meter throws me, since except for the change from glass less-than-8-pin tubes to metal octals, the model number changes appear to have been accompanied by changes in external appearance.

Whatever it is, it's a nice example of the breed and appears to have been kept up more than restored; the grille cloth of the MCS speaker is age-darkened but intact, the knob skirts aren't pitted (RF and AF gain, lower right and upper left, usually show a lot of wear) and the tuning knob is equally shiny-clean, though there does seem to be the usual fingertip-wear on the flat portion of its skirt if you look close and the Bakelite knob could have been repolished.

...But I'm no expert. That radio just happens to be a near-contemporary of the one in my basement--and that photo is what renewed my resolve to one day own and use an HRO! :)

73,
--Bobbi

From boatanchors@theporch.com Sun Mar 19 16:21:27 1995
Date: Sun, 19 Mar 1995 13:30:11 -0600
Message-Id: <Chameleon.4.01.2.950319123321.jproc@>
From: jproc@worldlinx.com
Subject: Instructograph Morse Trainer

Dear BA's,

As the curator of an Instructograph Morse Code trainer, I am interested in knowing more about it.

The first evidence of its production can be seen in the 1938 Amateur Radio Handbook. Units could be purchased on the installment plan or by renting them. Rentals ranged from \$3.00 to \$3.50 per month (ouch!) depending on how many accessories one required. A \$10 deposit was required on all rentals. The STANDARD model sold for \$20.25 and the JUNIOR went for \$12. An oscillator

with headphones could be had for \$6.50. In 1938, Instructograph was located at 912 Lakeside Place, Chicago Ill.

Stan, WB5LBH bought a brand new unit in 1980 for \$108.50. Now, we have a confirmed production span of 42 years. Does anyone have information which might establish the start year and end year of production? If anyone purchased one of these, could you tell me the year of purchase and the price you paid?

Regards,

Jerry Proc
E-mail: jproc@worldlinx.com
Worldlinx Telecommunications
Toronto Ontario

From boatanchors@theporch.com Sun Mar 19 16:19:18 1995
Date: Sun, 19 Mar 1995 13:26:58 -0600
Message-Id: <Pine.SUN.3.91.950319073100.28122B-100000@coyote.rain.org>
From: "Ray L. Mote" <rmote@rain.org>
Subject: TBM available

A friend of mine up in Stockton, CA went to a sale this weekend. He's buying from an old gent who is selling out due to poor health. Among the items for sale is a WW2 Navy TBM transmitter, all 7.5 feet high and 3 feet wide of it! Anybody crazy enough to want such a beast can call me at (805) 985-6048 and I'll be glad to give you his name and phone number.

From boatanchors@theporch.com Sun Mar 19 17:58:51 1995
Date: Sun, 19 Mar 1995 15:05:35 -0600
Message-Id: <199503192104.PAA01383@uro.theporch.com>
From: Jack Taylor <n7oo@huachuca-emh8.army.mil>
Subject: Re: TBM available

Any of you old salts have the rundown on tube line-up and frequency range of the navy TBM transmitter? Seems to me one of this series operated down in the broadcast range. I'd probably be interested but have already been offered heavy goodies in that general area and have yet to organize (free/cheep) transport from SFO and Santa Barbara areas to SE Aridzona.

73 de Jack

From boatanchors@theporch.com Mon Mar 20 02:18:56 1995

Date: Sun, 19 Mar 1995 23:43:31 -0600
Message-Id: <Pine.SUN.3.91.950319213632.23498A-1000000@coyote.rain.org>
From: "Ray L. Mote" <rmote@rain.org>
Subject: Re: TBM available

On Sun, 19 Mar 1995, Jack Taylor wrote:

> Any of you old salts have the rundown on tube line-up and frequency range
> of the navy TBM transmitter? Seems to me one of this series operated
> down in the broadcast range.

Jack, my info shows the TBM to be 75/350/500W AM/CW/MCW 2-18.1 Mc. for shipboard use. No idea as to tube lineup.

From boatanchors@theporch.com Sun Mar 19 16:30:56 1995
Date: Sun, 19 Mar 1995 13:42:27 -0600
Message-Id: <199503191448.AA12069@cameron.geom.umn.edu>
From: "penson" <penon@geom.umn.edu>
Subject: Re: Trivia

The Heathkit SB-200 linear amplifier was made for 14 years--from 1964 to 1978. Then the SB-201 (the same unit sans 10 meters) continued on until 1983, for a series total for 19 years.

Also, The Heath HW-101 was made from 1970 to 1983--13 years. And it's predecessor, the HW-100, was on the market for two years from 68 to 70.

HW-100/101 total unit sales was about 40,000 units. I don't think anyone else can touch a number like that.

Chuck

From boatanchors@theporch.com Sun Mar 19 15:43:40 1995
Date: Sun, 19 Mar 1995 06:50:28 -0600
Message-Id: <Pine.PCW.3.91.950319021946.8719A-1000000@dip002.pixi.com>
From: Dave Creek <dcreek@pixi.com>
Subject: Re: TS-823/ARM-25

> Say, I have two modules from a TS-823/ARM-25, and I'm curious what the
> hell the overall unit was. (I used to have more modules, but I
> stripped them for parts in my teens.) I suppose a Test Set (TS)?

The AN/ARM-25 was a flight-line go-nogo test set for the AN/ARN-21 TACAN navigation set used in most military aircraft during the 50's to 70's.

It consisted of a TACAN beacon simulator which would receive the RF signals from the aircraft interrogator and reply with simulated signals from a ground beacon. A switch on the front panel would set 8 bearing readings and another switch would set 2 slant range distances. The RF section would set up for 100 different RF channels. The unit was enclosed in a 1 cubic foot metal box with a latching cover. Typical military style test set. The lid contained a cylindrical antenna which could be mounted on top of the case, or the test set could be connected directly to the aircraft equipment through a RG-58 cable with BNC connectors and an attenuator.

The power supply was dual input. Either 28 volts DC or 115 volts AC, 60 to 400 hertz.

Except for the power supply and the RF section, most of the circuitry was in plug-in modules called books. Not an easy piece to work on since placing a book on the extender frame caused timing changes that would appear as false troubles. I haven't worked on one of these since I retired from the USAF in 1972. When one of these came into the calibration lab for periodic calibration, you said a little prayer that everything would meet spec's and you could send it out the door without cracking the case.

Dave Creek, NH6BA
Ewa Beach, HI

From boatanchors@theporch.com Sun Mar 19 17:05:53 1995
Date: Sun, 19 Mar 1995 13:53:11 -0600
Message-Id: <199503191151.AA5945@localhost>
From: BRICKEY_PETER@tandem.com
Subject: Updated speaker list

I have some additions and changes to the speaker list:
Here's the updated list:

model	characteristics	yrs	matches/used with
-----	-----	---	-----
Hallicrafters			
??	Black, Smaller than R-42, early 'winged' logo in upper right hand corner		SX-11
PM-??	Black, size of R-42, Wood grill, 'h' in center of grill, chrome side trim		SX-16/SX-18
PM-23	Grey, size of R-42, chrome grill, chrome 'h'		SX-28,S20R
PM-??	Grey, size of R-42, chrome grill, No 'h'		SX-28,S20R
R-8	Grey, wood cabinet, 8" spkr, wall mount, large		SX-28
R-12	Grey, wood cabinet, 12" speaker, this was a		SX-28

	bass reflex floor cabinet, SX-28 sits on top.		
R-42	bass reflex, 500 ohm	45-50?	SX-42
R-44	bass reflex, 6"x9" speaker	45-50?	SX-43
R-45	rack mount of R-42	45-50?	SX-42
R-46	black "h", 10-7/8" deep, 500 ohm	??	SX-88
R-46A	black "h", 8" deep, 3.2 ohm	??	SX-101
R-46B	silver "h", 8" deep, 3.2 ohm	??	SX-101
R-47	small, 4" spkr, old "h" in lower cntr	??	SX-115,SX101A
R-47A	small, 4" spkr, red "h" in lower cntr	??	SX-122, SX-117
R-48	low and wide, old "h" logo in cntr	??	SX-115,SX101A
R-48A	low and wide, red "h" logo at lower rt	??	SX-117, SX-122
R-50	square, red "h" right hand corner		SX-146
R-51	square, red "h" right hand corner, has clock		SX-146

Hammarlund

??	cane metal grille, blk wrinkle	??	HQ-129X?
??	square hole grille, blk wrinkle, logo	??	HQ-140X, HQ-129X?
SC-10	cane metal grille, 2 tone grey	??	HQ-129X
SC-46		??	SP-400
S-100	9-5/8" x 9-5/8" , grey	??	HQ-110,HQ-105
S-200	11-7/8" x 10-3/8", grey	??	HQ-170,HQ-180

Knight-Kit

Y-728	tan, slanted edges, chrome trim	58-??	Y-726 (early R-100)
S-8	grey, slanted edges, chrome trim	??	later R-100
S-8A	silver	??	R-100A

National

DCS-10	10" speaker, blk, embossed logo	39/41	NC-100, NC-101
DCS-8	8" speaker, blk, embossed logo	39/41	NC-100, NC-101
MCS	8" spkr, blk, red cloisonne logo	38/46	HRO, NC-110
NC-2-TSG	2 tone grey, chrome trim, feet	45/47	NC-240
NC-200-TSG	2 tone grey, chrome trim	39/41	NC-200
NC-46TS	8" spkr, matches NC-46	45/47	NC-46
??	small, light grey	??	HRO-7??
??	larger, light grey	??	NC-183,HRO-50?
NC-183DTS	larger, dark grey	??	NC-183D
HRO-60-TS	larger, dark grey	??	HRO-60
NC-300TS	wrinkle, no trim, lightning bolt	??	NC-300
NTS-1	wrinkle, no trim	??	NC-88,NC-109
NTS-2	darker wrinkle, side trim, cntr logo	??	NC-303
NTS-3B	blue, flip-foot	??	NC-270
RFSH	Rack mount speaker for early HROs	38/47	HRO

Heath

AK-5	green ugly, big holes in grill	??	Mohawk
AK-7	green box, smooth, mobile	??	Comanche

HS-24	green, wrinkle, mobile	??	SB,HW
SB-600	green wrinkle, holds p/s	??	SB,HW
SB-604	green wrinkle, holds p/s	??	SB-104
HS-1661	green not tall	??	HR-1680

Here are some questions I have:

HQ-129X speaker? - I've seen a model with square hole grill and a Hammarlund script in HQ-140X ads. The HQ-129X Sams photofact shows a different speaker with cane metal grill and no logo. What model numbers are these two and which (both?) are correct.

Hallicrafters R-43, R-44, R-45 ??

National NC-300 speaker - I believe I have seen a speaker that looks much like the wrinkle finish NC-300 spkr, but smooth finish like the NC-300 rcvr. Any confirmation ?

I have an NC-300 wrinkle finish spkr, no chrome side trim, but has the two-tone "equator" 3/4 way up instead of 1/2 way up like NTS-1. This (later?) NC-300 speaker also has lightning bolt in upper left.

I have a NC-300 smooth finish speaker with lightning bolt in the upper left, logo in the lower right, and side trim. Light grey upper 1/3, dark grey rest.

National HRO-60TS vs. NC-183D-TS - is there any difference ?

From boatanchors@theporch.com Sun Mar 19 16:18:52 1995
 Date: Sun, 19 Mar 1995 13:28:31 -0600
 Message-Id: <Pine.SUN.3.91.950319071709.28122A-1000000@coyote.rain.org>
 From: "Ray L. Mote" <rmote@rain.org>
 Subject: WW2 Navy contract numbers

Does anyone have a list of WW2 Navy contract number prefixes and their meanings? Those contracts all began with something like NXsr, NXss, NXsa, NOas, NOs, etc. I've heard various explanations (all different), but never seen anything in writing. A lady who had been working in Contracts at the Naval Sea Systems Command headquarters told me that the NObsr contracts were placed by the old Bureau of Ships (later Naval Ship Systems Command, now Naval Sea Systems Command), but didn't know about the others. She claimed that they were all listed in the acquisition regulations that preceded the current "Federal Acquisition Regulation".

Current Navy contracts begin with the letter "N" followed by a 5-digit Unit Identifier Code (UIC) which indicates the specific Contracting Office involved.